

HCBI Tissue Clearing Workshop 2015

Friday November 20th, 2015

All lectures in Biological Labs Lecture Hall, RM 1080, 16 Divinity Ave., Cambridge

8:30 - 9:00	REGISTRATION	
9:00 – 9:30	Welcome and Announcements	Doug Richardson, Harvard University
9:30 – 10:00	Light Scatter in Biological Tissue	Jeff Lichtman, Harvard University
10:00 – 10:30	Intro to Clearing techniques	Doug Richardson, Harvard University
10:30 – 11:00	COFFEE BREAK	
11:00 – 11:30	Introduction to CLARITY	Jenelle Wallace, Harvard University
11:30 – 12:00	Introduction to iDISCO	Nicholas Renier, Rockefeller University
12:00 – 12:30	Applications of Cleared Tissue Imaging	Will Menegas, Harvard University
12:30 – 1:30	LUNCH	

Hands on Session in Northwest Building Teaching Labs, 52 Oxford St., Cambridge

1:30 – 5:00 Hands-on CLARITY and iDISCO sample prep

Dinner at Harvard Faculty Club 20 Quincy St., Cambridge

7:00 Networking Dinner

Saturday November 21st, 2015

All lectures in Biological Labs Lecture Hall, RM 1080, 16 Divinity Ave., Cambridge

9:00 – 9:30	Basics of Imaging – Resolution and RI	Doug Richardson, Harvard University
9:30 – 10:30	Optical Sectioning Techniques	TBD, Carl Zeiss Microscopy
10:30 – 11:00	COFFEE BREAK	
11:00 – 11:30	Immunostaining	Doug Richardson, Harvard University
12:00 – 1:00	LUNCH	

All imaging experiments will take place in the HCBI, RM 2052, 16 Divinity Ave., Cambridge

1:00 – 5:00 Hands-on imaging Rotations #1-4

Dinner at John Harvard Pub 33 Dunster St., Cambridge

7:00 Networking Dinner

Sunday November 22nd, 2015

All lectures in Biological Labs Lecture Hall, RM 1080, 16 Divinity Ave., Cambridge

9:00 – 10:30 Data processing Doug Richardson, Harvard University

10:30 – 11:00 COFFEE BREAK

All imaging experiments will take place in the HCBI, RM 2052, 16 Divinity Ave., Cambridge

11:00 – 12:00 Hands-on Imaging Rotation #5

12:00 – 1:00 LUNCH

1:00 – 2:00 Hands-on Imaging Rotation #6

2:00 – 4:00 Free Imaging Time/Departure